

Dnmt3a monoclonal antibody

Catalog: MB12003

Host: Rabbit

Reactivity: Human

BackGround:

Methylation of DNA at cytosine residues in mammalian cells is a heritable, epigenetic modification that is critical for proper regulation of gene expression, genomic imprinting and development. Three families of mammalian DNA methyltransferases have been identified: DNMT1, DNMT2 and DNMT3. DNMT1 is constitutively expressed in proliferating cells and functions as a maintenance methyltransferase, transferring proper methylation patterns to newly synthesized DNA during replication.

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 102 kDa; Observed MW: 130 kDa

Swiss-Prot:

Q9Y6K1

Purification&Purity:

Affinity Purified

Applications:

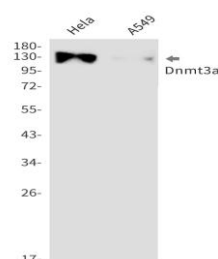
WB: 1/500-1/1000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:


Western blot analysis of Dnmt3a in HeLa, A549 lysates using Dnmt3a antibody.

Note:

For research use only, not for use in diagnostic procedure.

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